

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	"6,737,789"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 11:42
S2	2	"6,890,300"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 12:16
S3	9	capacitive near membrane and void and ultrasound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 12:36
S4	6	"6,737,789"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 12:37
S5	18	"2,702,318"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 10:40
S6	2093	condenser near microphone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 12:47
S7	163	condenser near microphone same membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 12:48
S8	8	condenser near microphone same flexible near membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 12:53

## EAST Search History

S9	16	condenser near microphone and over near voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 13:17
S10	6	condenser near microphone and over adj voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 12:54
S11	3	("4699009"   "4873871"   "5700702"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/26 13:15
S12	4330834	condenser near microphone and field neart effect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 13:18
S13	197	condenser near microphone and field near effect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 13:18
S14	14	condenser near microphone and field near effect same protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 15:53
S15	15	condenser near microphone and (fet mosfet) same protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 14:28
S16	1	condenser near microphone and (fet mosfet) same protect\$3 and ultrasound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 14:29
S17	7	condenser near microphone and (fet mosfet) and ultrasound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 14:59

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S18	11	09/482,119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 14:59
S19	12	condenser near microphone and zener same protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:03
S21	29	piezo near (element transducer sensor) and zener same protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/26 16:04
S22	12	condenser near3 microphone and zener same protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 10:25
S23	13	condenser near5 microphone and zener same protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 10:25
S24	7	condenser near5 microphone same zener	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 10:28
S25	18	microphone near5 zener	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 10:28
S26	25	("20010032663"   "20010035723"   "4160234"   "4748366"   "5237239"   "5239518"   "5376857"   "5494468"   "5585546"   "5629678"   "5671746"   "5703474"   "5751091"   "5788453"   "5835996"   "5918502"   "5925972"   "5998910"   "6196932"   "6201336"   "6215733"   "6224493"   "6407484"   "6424079"   "6433465").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/27 10:34

## EAST Search History

S27	10	"3,408,571"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 10:41
S28	48	esd same ground near short\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:41
S29	6	over near voltage and ground near short\$3 same relay near contact	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:43
S30	32	over near voltage and ground near short\$3 same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:43
S31	0	over near voltage and relay near ground near short\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:43
S32	3	over near voltage and relay near3 ground near short\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:45
S33	13	over near voltage and relay near5 ground near short\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:51
S34	447	microphone and short\$3 near ground samne	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 15:51

## EAST Search History

S35	20	microphone and short\$3 near ground same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:37
S36	1	10/817,552	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:34
S37	0	esd and manufactur\$3 same short\$3 near ground same relay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:37
S38	1	10/091,048	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 11:42
S39	2	10/091,948	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:03
S40	1	2004-766655	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 14:03
S41	1	10/817,552	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:44
S42	1	2004/0113524	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:45

## EAST Search History

S43	21	("20040085858"   "20040113524"   "20050121734"   "20050146240"   "20050200241"   "4879903"   "4882933"   "4904978"   "5060526"   "5062302"   "5231301"   "5355712"   "5461922"   "6038928"   "6074891"   "6084257"   "6140143"   "6316796"   "6465271"   "6639339"   "6945115"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 14:02
S44	3	"7,032,454"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 14:41
S46	16	"5,536,958"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 14:41